

## Specifications for Stearic Acid

Parameter	Value
Molecular Formula	C18H36O2
Mol Wt	284.47
CAS #	[57-11-4]
Description	White crystalline powder or flakes
C18-content (%)	90 min
C8- C16 content (%)	8 max
C-18:1 – content (%)	Report
Other higher carbon chains	Report
Titre in deg cel	Report
Moisture	0.5 max
Acid value	195 -200
Saponification Value	196- 201
Iodine Value (mg of I2/gm)	Report

## Uses

Industry	Application
Detergents	In manufacture of fatty esters used as surfactants In manufacture of C18 alcohols
Cosmetics	In cosmetic formulation
Rubber	In mfr of methyl laurate used as biodiesel for blending and also in cosmetics
Polymer	--
Textile	--
Lubricants	--